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1	<u>CLAIMS</u>
2	What is claimed is:
3	
4	Claim 1. Anti-cancer antibodies or fragments thereof
5	produced in accordance with a method for the production of
6	individually customized anti-cancer antibodies which are
7	useful in treating a cancerous disease, said antibodies
8	comprising:
9	a subset of antibodies or fragments thereof
10	characterized as being cytotoxic against cells of a cancerous
11	tissue, said subset being essentially benign to non-cancerous
12	cells.
13	
14	Claim 2. The anti-cancer antibodies or fragments thereof
15	in accordance with claim 1 wherein the cytotoxicity of said
16	antibodies is mediated through antibody dependent cellular
17	toxicity.
18	
19	Claim 3. The anti-cancer antibodies or fragments thereof
20	in accordance with claim 1 wherein the cytotoxicity of said
21	antibodies is mediated through complement dependent cellular
22	toxicity.
23	
24	Claim 4. The anti-cancer antibodies or fragments thereof
25	in accordance with claim 1 wherein the cytotoxicity of said

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1	antibodies is mediated through catalyzing of the hydrolysis
2	of cellular chemical bonds.
3	
4	Claim 5. The anti-cancer antibodies or fragments thereof
5	in accordance with claim 1 wherein the cytotoxicity of said
6	antibodies is mediated through producing an immune response
7	against putative cancer antigens residing on tumor cells.
8	
9	Claim 6. The anti-cancer antibodies or fragments thereof
10	in accordance with claim 1 wherein the cytotoxicity of said
11	antibodies is mediated through targeting of cell membrane
12	proteins to interfere with their function.
13	
14	Claim 7. The anti-cancer antibodies or fragments thereof
15	in accordance with claim 1 wherein the cytotoxicity of said
16	antibodies is mediated through production of a conformational
17	change in a cellular protein effective to produce a signal to
18	initiate cell-killing.
19	
20	Claim 8. The anti-cancer antibodies of claim 1 wherein:
21	said method of production utilizes a tissue sample
22	obtained from a particular individual containing cancerous
23	and non-cancerous cells.
24	
25	Claim 9. Anti-cancer antibodies or fragments thereof
26	selected from the group consisting of a 3BD-3, a 3BD-6, a

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	I	3BD-8, a $3BD-9$, a $3BD-15$, a $3BD-25$, a $3BD-26$ and a $3BD-27$
	2	monoclonal antibody.
	3	
	4	Claim 10. Anti-cancer antibodies or fragments thereof
	5	produced by a hybridoma cell line having an ATCC Accession
	6	Number selected from the group consisting of ().
	7	
The street three from their Ann Street	8	Claim 11. Anti-cancer antibodies or fragments thereof
	9	selected from the group consisting of a 1LN-1, a 1LN-12, a
	10	1LN-14, a 2LN-21, a 2LN-28, a 2LN-29, a 2LN-31, a 2LN-33, a
	11	2LN-34 and a 2LN-35 monoclonal antibody.
# ## ###	12	
	13	Claim 12. Anti-cancer antibodies or fragments thereof
uli Cui	14	produced by a hybridoma cell line having an ATCC Accession
	15	Number selected from the group consisting of ().
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